

From: [McKenna, James \(Jim\)](#)
To: [Burt Shephard/R10/USEPA/US@EPA](#); [Rick Applegate](#); [Bob Wyatt](#)
Cc: [Eric Blischke/R10/USEPA/US@EPA](#); [Chip Humphrey/R10/USEPA/US@EPA](#); [jpisano@anchorenv.com](#)
Subject: RE: Modification to FSP procedure, Round 3B biota sampling, Portland Harbor
Date: 09/03/2007 10:38 AM

Thanks Burt, and please add Jessica to your email correspondence list so that we ensure these communications get into the LWG files.

Jessica, please pass this email on to Exec and our tech team. Thanks, Jim.

From: Shephard.Burt@epamail.epa.gov [mailto:Shephard.Burt@epamail.epa.gov]
Sent: Fri 8/31/2007 11:24 AM
To: McKenna, James (Jim); Rick Applegate; Bob Wyatt
Cc: Blischke.Eric@epamail.epa.gov; Humphrey.Chip@epamail.epa.gov
Subject: Fw: Modification to FSP procedure, Round 3B biota sampling, Portland Harbor

Jim, Rick, Bob,

Attached is a confirmation e-mail authorizing a small change to the biota sampling procedures in the Willamette River for the Round 3B biota sampling. The change no longer requires LWG to remove scales from fish that will be the source of fillets for chemical analyses (i.e. there is no longer a requirement to obtain scale off fillets for chemical analysis). Prior discussions with Laura Kennedy of Kennedy Jenks and Dana Davoli of EPA, the field crew and EPA observers of the field collections indicated that all were in agreement with this modification to the FSP.

Please contact me if you have any questions or concerns regarding this change.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Assessment (OEA-095)
U.S. Environmental Protection Agency, Region 10
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Seattle, WA 98101

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"If your experiment needs statistics to analyze the results, then you ought to have done a better experiment"
- Ernest Rutherford

----- Forwarded by Burt Shephard/R10/USEPA/US on 08/31/2007 11:14 AM

Burt
Shephard/R10/USE
PA/US

To

08/31/2007 09:11 AM
Laura Kennedy
cc
Eric Blischke/R10/USEPA/US@EPA,
Chip Humphrey/R10/USEPA/US@EPA,
Dana Davoli/R10/USEPA/US@EPA,
Dave Terpening/R10/USEPA/US@EPA
Subject
Scale on vs. scale off fish
samples from the Willamette River

Laura,

Dana Davoli in our office has advised me that she does not believe that fish or fish fillets taken from the Willamette River for human health risk assessment purposes need to have their scales removed prior to further processing of the fillets. Both LWG field crews and EPA observers have indicated to me that descaling the fish takes extensive time, and it is a messy process to retain all the scales and place them back with the fish carcass for that part of the whole body analysis.

As descaling has the potential to increase the error of the carcass analytical results, increases field sampling and processing time, and according to our human health risk assessor, is not necessary for human health risk assessment purposes, I've directed the field crew to no longer remove scales from fish samples from which fillets will be taken.

Please contact me if this decision is not in accordance with your understanding of the needs of the human health risk assessment for the Portland Harbor site.

On another subject, Gina Grepo-Grove has been out of the office all week, so I still don't have an answer for you on the need for 300 grams of tissue for analytical purposes.

Best regards,

Burt Shephard
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